



POTENTIAL HAZARDOUS WASTE SITE

PRELIMINARY ASSESSMENT

COMPLETED

U.S. Pipe and Foundry Company
Site Name
East Pearl Street
Burlington City NJ
Address

NJD 002347565
EPA Site ID Number
02-0403-64
TDD Number

Date of Site Visit: None conducted

SITE DESCRIPTION

U.S. Pipe and Foundry Co. is comprised of the Industrial Products Division and the Pipe Products Division. The Pipe Products Division melts ferrous metals and manufactures gray and ductile cast iron pipe for sewer and water lines.

A NJDEP inspection was conducted in September 1983. An area containing drums of solvents was identified in the Industrial Products area. The soil surrounding the drum area was saturated with an oily substance. Storm water runoff from this area discharges to the Delaware River. Furnace wastes are piled along the river bank. The Pipe Products area contains an unlined settling lagoon as part of the process waste treatment system. Sludge is partially drained and disposed at an active landfill located on site. Poor housekeeping was noted around the waste treatment and production areas. Application has been made to the NJDEP for a groundwater permit for this lagoon. A 35 acre sanitary landfill registered with the NJDEP to accept industrial waste received emission bag house dust, asbestos, organic and heavy metal wastes and iron ore and slag since at least 1955. Numerous areas of past waste disposal scattered about the property have been noted in the NJDEP inspection. Waste included brick and concrete, municipal refuse, empty 55 gallon drums, empty paint cans, and slag.

PRIORITY FOR FURTHER ACTION: High Medium X Low

RECOMMENDATIONS

A site investigation is recommended to assess overall site hazards.

Prepared by: Laurie Gneiding
of NUS Corporation

Date: 6/7/84

278100





POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NJ	D002347565

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
U.S. Pipe and Foundry Company		East Pearl Street			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Burlington City	NJ	08016	Burlington	005	04
09 COORDINATES LATITUDE		LONGITUDE			
4 0° 05' 00" N		074° 50' 05" W			

10 DIRECTIONS TO SITE (Starting from nearest public road)
N.J. Turnpike south to exit 5 - Burlington. Mt. Holly Road west to High Street to East Pearl Street.

III. RESPONSIBLE PARTIES

01 OWNER (if known)		02 STREET (Business, mailing, residential)			
U.S. Pipe and Foundry Company		East Pearl Street			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER		
Burlington City	NJ	08016	(609) 386-1850		
07 OPERATOR (if known and different from owner)		08 STREET (Business, mailing, residential)			
U.S. Pipe and Foundry Company		East Pearl Street			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
Burlington City	NJ	08016	(609) 386-1850		

13 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 6 / 8 / 81 MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION		BY (Check all that apply)			
<input checked="" type="checkbox"/> YES DATE 9 / 20 / 83 MONTH DAY YEAR	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> A. EPA	<input type="checkbox"/> B. EPA CONTRACTOR	<input checked="" type="checkbox"/> C. STATE	<input type="checkbox"/> D. OTHER CONTRACTOR
		<input type="checkbox"/> E. LOCAL HEALTH OFFICIAL	<input type="checkbox"/> F. OTHER: _____ (Specify)		
CONTRACTOR NAME(S): _____					
02 SITE STATUS (Check one)		03 YEARS OF OPERATION			
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		at least 1955 BEGINNING YEAR Present ENDING YEAR <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Slag, ferrous metals, asbestos and other materials are landfilled. Drums containing solvent cleaners and degreasers are present.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
Hazards include soils contaminated with solvents, asbestos, metal slag, and process treatment sludge. Runoff from contaminated areas drains to the Delaware River. A potential for groundwater contamination exists.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☒ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
Mark Haulenbeek	US EPA Region II		201 / 321-6685	
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Laurie Gneiding		NUS Corp. FIT II	(201) 225-6160	6 / 7 / 84 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER D002347565

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
A potential exists from saturated soil and possible leakage from the solvent cleaner and degreaser drum storage area. The landfill area is monitored by two groundwater wells to detect contaminant migration.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
A potential exists for contamination of the Delaware River due to storm water runoff from the drum storage, waste treatment, and production areas.

01 ☒ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
A potential exists since emissions have been reported over the years and it is not known if compliance has been met for these emissions.

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
A potential exists if drums leak or are improperly maintained.

01 ☒ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: 9/20/83) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
A potential exists since the area around the drums of spent solvent cleaner and degreaser was observed 9/20/83 by the NJDEP to be saturated with an oily waste.

01 ☒ F. CONTAMINATION OF SOIL 02 ☒ OBSERVED (DATE: 9/20/83) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
(Acres)
Soil saturated with an oily waste was observed by the NJDEP in the drum area.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 10,000 04 NARRATIVE DESCRIPTION
A potential for contamination of drinking water exists. The city of Burlington maintains eight wells, each approximately 50 feet deep, on Burlington Island in the Delaware River opposite the site. A surface water intake is located approximately 1,000 yards downstream of the site. These sources provide drinking water for 10,000 residents.

01 ☒ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
A potential exists due to reported air emissions and the oily waste-saturated soil surrounding the drum storage area.

01 ☒ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
A potential exists due to air emissions and possible contaminant migration to the Delaware River.



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS**

I. IDENTIFICATION	
01 STATE NJ	02 SITE NUMBER D002347565

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
A potential exists due to possible soil, groundwater and surface water contamination.

01 ☒ K. DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)
A potential exists due to possible ground and surface water contamination.

01 ☒ L. CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
A potential exists due to possible ground and surface water contamination.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES 02 ☒ OBSERVED (DATE: 9/20/83) ☐ POTENTIAL ☐ ALLEGED
(Spills/runoff/standing liquids/leaking drums)
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION
The area surrounding the drums was observed by the NJDEP to be saturated with an oily waste. SPCC plans were not approved for any above ground, partially above ground or underground tanks located on site.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
A potential exists for damage to the Delaware River shoreline bordering the property.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
A potential exists since treatment process overflows may be directed to the Burlington City sanitary sewer system.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
No potential exists as the area is fenced.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

None.

III. TOTAL POPULATION POTENTIALLY AFFECTED: Unknown

IV. COMMENTS

Asbestos was listed on a 6/4/81 Notification of Hazardous Waste Site Report. No further information on this waste was found.
The City of Burlington conducts weekly tests of well water. No serious levels of contamination have yet been detected from these wells.

V. SOURCES OF INFORMATION (See specific references, e.g., state files, sample analysis, reports)

NJDEP files.
City of Burlington Water Department (609) 386-0307